

REMARKS

Early consideration and allowance in view of the foregoing amendments and the following remarks are respectfully requested.

Upon entry of this Amendment, claims 47-73 will be pending in the present application. Claims 47-73 have been newly added, and claims 1-46 have been cancelled.

Paragraph [1] of the specification has been amended above to indicate that the present application is a Continuation from U.S. patent application no. 09/970,383 ("the '383 application") filed October 2, 2003. In addition, paragraph [44] has been amended above to clarify the term in the integral of the denominator of equation (4). In particular, parentheses have been added around the term " $\sqrt{P_{\text{patient}}}$ ". A similar change was made in the '383 application in response to the Examiner's objection to the specification. Accordingly, applicant requests that the above amendments to the specification be approved.

It is respectfully submitted that the present application is in condition for allowance and a Notice to the effect is earnestly solicited.

Respectfully submitted,

By Michael W. Haas

Michael W. Haas

Reg. No.: 35,174

Tel. No.: (724) 387-5026

Fax No.: (724) 387-5021

RESPIRONICS, INC.
1010 Murry Ridge Lane
Murrysville, PA 15668-8525